										
Work Order II Tuesday, September 0										Page 1
Item ID: D390 Revision ID: Item Name: Lug F	08-1 Plate, Aft Crosstube		Accept				S	etup Sta		
Start Date: 9/7/2 Required Date: 9/13/ Reference:	010 Start Qty:	1 (00) (0) (0)		Cust Item I Customer:	D:				*	
Approvals: Pro	cess Plan:	Date: 16-9-0	Tooling: SPC (Y/N):		ate:		R	un Sta Sto		
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr D3908	Revision Nbr									
100 	Me	по	0.00				RIC	> <u>~{} ~ (</u>	6	Pro-
FLOW CNC Waterjet	Cut Pro	as per dwg D3908 g Rev: g Rev:							60)

110

QC2- Inspect parts off machine FAI/FAIB

Deburr as required

0.00

Memo

0.00

B10-9-14

Quality Control

Dart	Aero	space	Ltd
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W/0: 6	1829	WORK ORDER CHAN	IGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/9/16	120	Took aty x1 For ac inspection templale	8	while	K		10/4/16

Part No: <u>D3908-1</u>	_ PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:	
Resolution:		Disposition:	QA: N/C Closed	l:	Date:	

	WORK ORDER NON-CONFORMANCE (NCR)											
	Description of NC		Corrective Action Section B		Verification	Approval	Approval					
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector					
	STEP	STEP Description of NC	STEP Description of NC Section A Initial	STEP Description of NC Section A Initial Action Description	STEP Description of NC Corrective Action Section B Initial Action Description Sign &	STEP Description of NC Section A Initial Action Description Sign & Section C	STEP Description of NC Section A Description A Description Section B Section C Section					

Work Order ID 61829

Tuesday, September 07, 2010 3:14:49 PM



Page 2

Item ID:

D3908-1

Accept



Setup Start

Stop



Revision ID:

Item Name:

Lug Plate, Aft Crosstube

Start Date:

9/7/2010

Start Qty: 8.00

Required Date: 9/13/2010

Reg'd Oty: 8.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Date:

Start Run



QC:

Date:_____

SPC (Y/N):

Set Up/

Run Hours

Tool ID

Tool # Plan

Code

Accept Qty

Reject Qty

Stop

Reject Number Stamp

Insp.

Sequence ID/ Work Center ID

120

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

0.00

Tiologlib

150

Packaging

Packaging

Identify as per dwg & Stock Location.

Memo

0.00

0.00

10/09/16 H)

160

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Dart Aeı	rospace	Ltd								
W/O:			W	ORK ORDER CH	ANGES		-			
DATE	STEP	PRO	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
Dort No.		DAD #.	Fault Oat		NO	3. V	N - 50		Data	
Part NO		PAR #:							•	
	Re	solution:	Dispositi	on:	QA:	N/C CI	osed:	v	Date: _	<u> </u>
NCR:			WORK ORE	DER NON-CONFO	DRMANCE	(NCR	1)			
		Description of NC		Corrective Action	Section B Verification			cation	Annroyal	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descri Chief Eng	otion	Sign & Date		ion C	Approval Chief Eng	Approval QC Inspector

Picklist Print

Tuesday, September 07, 2010 3:14:55 PM

Work Order ID: 61829

D3908-1

Parent Item Name: Lug Plate, Aft Crosstube

Start Date: 9/7/2010

Required Date: 9/13/2010

Start Oty: 8.00

Required Qty: 8.00

Comments:

Parent Item:

IPP RevA: new issue DD 09.11.17 verified by:EC

IPP Rev:B as

per dwg revB DD 10.04.20 verified by:EC 10.05.27 DD verf:EC

IPP Rev:C as per PC1 IPP Rev:D per ECN10-581 10.05.28

DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Primary Item Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S11GA		Purchased	No		100	sf	68.7423	0.0533	0.448842	7.		

304/316 0.125 Sheet

Location Loc Qty Loc Code MAT 68.7423 114799 68.7423

W/O:			WO	RK ORDER CHANG	ES				.1
DATE	STEP	PRO	OCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Categ	ory:	_ NCR: Yes	No DC	A:	Date:	
	Re	esolution:	Disposition	:	QA: N/C (Closed:		Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			tion B	Verif	ication	Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	tion Sign & Date		Section C		QC Inspector

DART AEROSPACE LTD	Work Order:	61829
Description: Lug Plate, Aft Crosstube	Part Number:	D3908-1
Inspection Dwg: D3908 Rev: C		Page 1 of 1

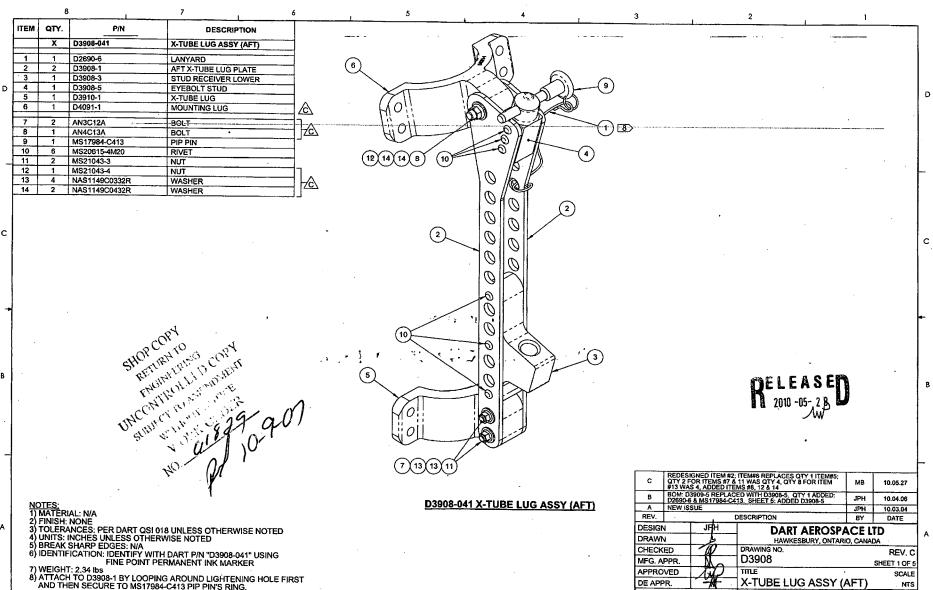
FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.129	+0.005/-0.001	,139	*		VBOD	
Ø0.191	+0.005/-0.001	.192	*		V	
Ø0.257	+0.006/-0.001	357	X		V	
Ø0.375	+0.006/-0.001	,374	7		V	
0.310	+/-0.010	,310	· 4		V	
0.380	+/-0.010	,379	#		V	
0.750	+/-0.010	.756	<u>بر</u>		V	
0.469	+/-0.010	1466	>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
3.25	+/-0.030	3,253	7		٧	
0.65	+/-0.030	, 649	6		V	
0.63	+/-0.030	869,	8		V	
1.587	+/-0.010	1.586	مذ		V	
1.588	+/-0.010	1.588	حلحا		γ	
5.46	+/-0.030	5,460	*		Υ	
3.80	+/-0.030	3,797	×		V	
2.13	+/-0.030	2.131	Y¥		V	
1.313	+/-0.010	1.311	*		V	
0.375	+/-0.010	.377	ر بر		V	
0.625	+/-0.010	-65	7		V	
11.15	+/-0.030	11.15	<u>}</u>		TT 1BOI	
0.375	+/-0.010	.377	y		V	
0.750	+/-0.010	กรร	K		V, .	
0.125	+/-0.010	.119	ک		V	
			·			

Measured by: 12	Audited by:	Preliminary Approval:
Date: 1/2-9-1/0	Date: 10/09/16	Date:

Rev Date		Change	Revised by	Approved	
Α	10.04.01	New Issue	KJ		
В	10.04.20	Dimensions updated per Dwg Rev B	KJ AO	1	
С	10.06.07	Dimensions updated per Dwg Rev C	KJ 🛠	<u> </u>	

W/O:			WC	ORK ORDER CHANG	ES			 		
DATE	STEP	PROCEDURE CHANGE				,	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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							·	<u></u>		
Part No:		PAR #:	Fault Cate	gory:	NCR:	′es N	lo DQ	식:	Date:	
					QA: N/C Closed: Date:					
NCR:		\	WORK ORD	ER NON-CONFORMA	NCE (N	ICR)				
		Description of NC	Corrective Action Section B			Verification			Approval	Approval
DATE	STEP Description of NC Section A		Initial Chief Eng	Action Description Chief Eng		Sign & Date		on C	Chief Eng	QC Inspector
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							1			
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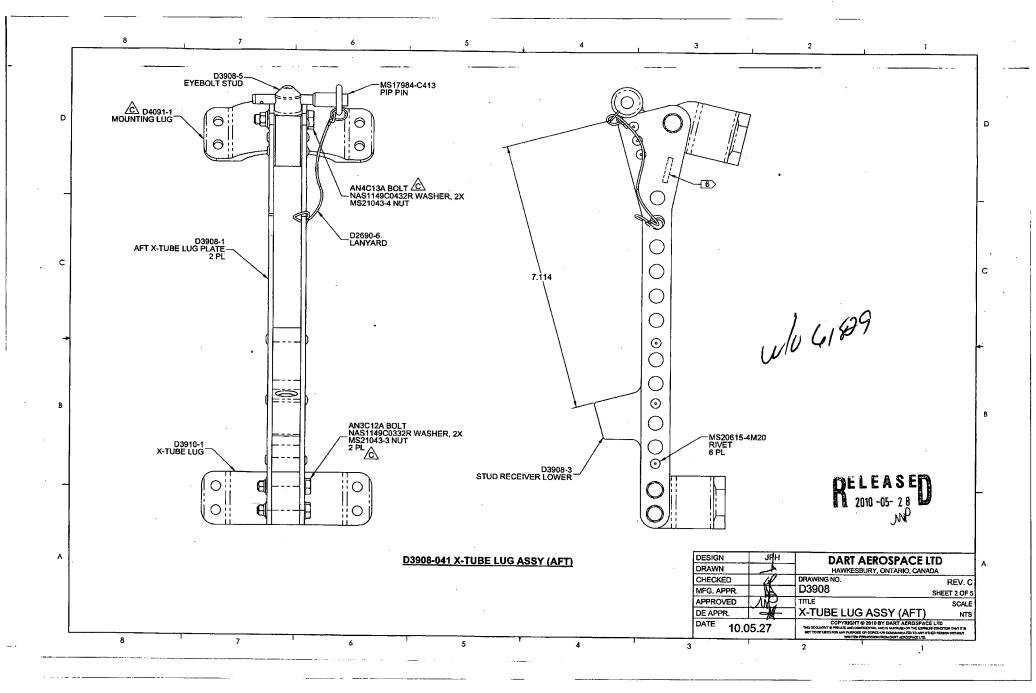
7) WEIGHT: 2.34 lbs
8) ATTACH TO D3908-1 BY LOOPING AROUND LIGHTENING HOLE FIRST AND THEN SECURE TO MS17984-C413 PIP PIN'S RING.

A	NEW IS	SUE	JP	1H	10.03.04			
REV.			DESCRIPTION BY DATE					
DESIGN	1	JHH	DART AEROSPAC	FI	rn			
DRAWN	į	بإ	HAWKESBURY, ONTARIO, C					
CHECK	ED	10	DRAWING NO.		REV. C			
MFG. A	PPR.	Ma	D3908		SHEET 1 OF 5			
APPRO'	VED		TITLE		SCALE			
DE APP	R.	- #-	☐ X-TUBE LUG ASSY (AF	Γ)	NTS			
DATE	40.0	C 07	COPYRIGHT © 2010 BY DART AEROSPACE LTD					

10.05.27

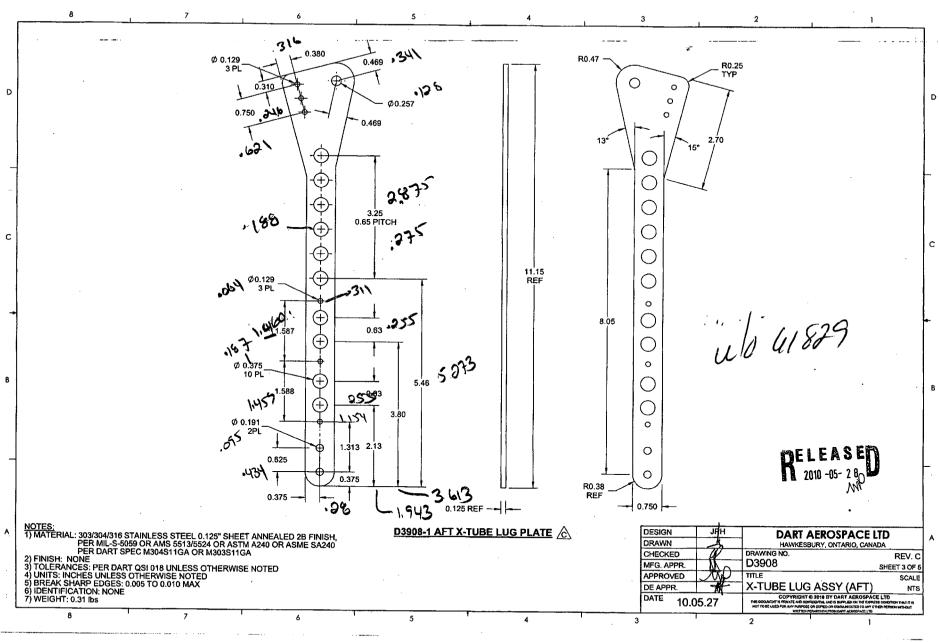
7

W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
								,				
Part No:		PAR #:	Fault Cat	NCR: Yes	No DQ	\ :	Date:					
	Re	esolution:	Dispositi	on:	QA: N/C C	losed:	Date:					
NCR:		\	WORK ORDER NON-CONFORMANCE (NCR)									
DATE	STEP	Description of NC	Corrective Action Section			Verific	ation	Approval	Approval			
DAIL		Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date		tion C	Chief Eng	QC Inspector			
									3			

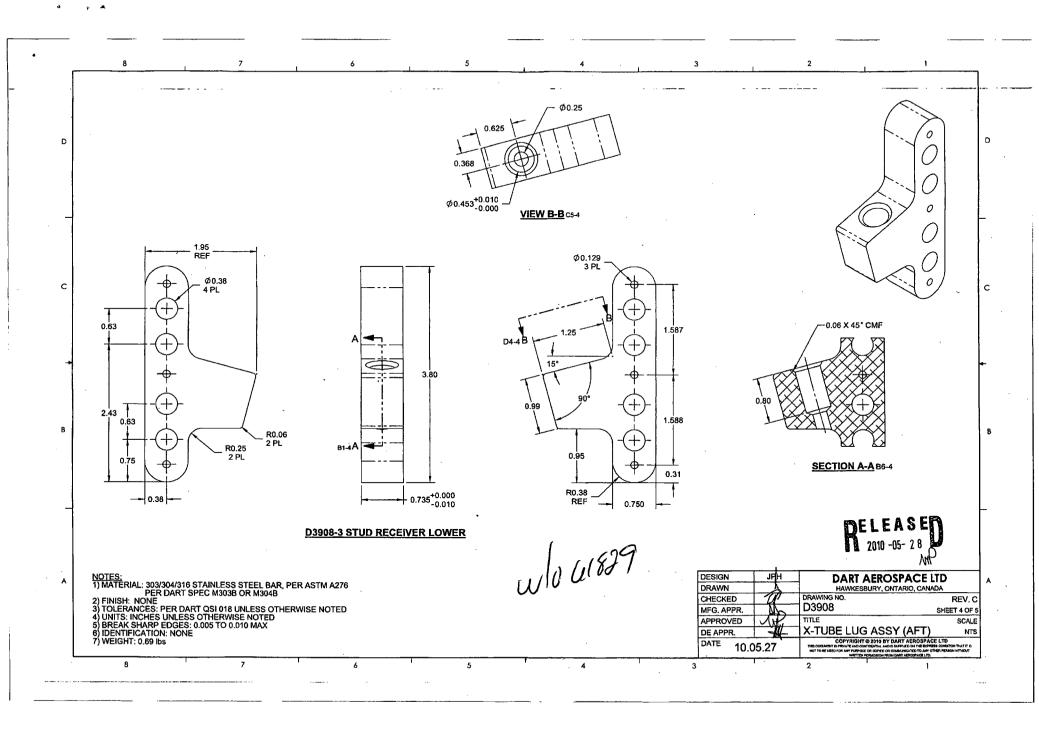


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W/O:			WORK ORDER (CHANGES					
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Category:	NCR: Ye	s No DQ	A:	_ Date: _		
	Resolution	n:	Disposition:	QA: N/C	Closed:		Date: _		
NCR:			WORK ORDER NON-CONFORMANCE (NCR)						

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	Verification	Annroyal	A				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector			
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W/O:			WC	RK ORDER CHANG	GES					
DATE STEP		PRO	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No: PAR #: Resolution: NCR:										
		Disposition	QA: N/C Closed: Date:				.			
		,	WORK ORDER NON-CONFORMANCE (NCR)							
2475	0750	Description of NC			tion B	Verific	cation	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	k Secti		Chief Eng	QC Inspector	
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W/O:		WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
		PAR #:	Fault Categ	jory:	NCR: Yes	No DQ	A:	Date:					
		esolution:	Disposition	:	QA: N/C Closed:			Date:					
			WORK ORDER NON-CONFORMANCE (NCR)										
DATE	0777	Description of NC			on B	Verific	cation	Approval	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Secti		Chief Eng	QC Inspector				
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									:				

D 0 0 0 0.70 R0.060 Ø0.266 TYP THRU Ø0.129 THRU TYP Ç SYMM Ø0.700^{+0.000}

D3908-5 EYEBOLT STUD

-0.230 X 45°

CHAM

w/v 41829

Ø1.00

D

NOTES:
1) MATERIAL: 303/304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276 OR ASTM A582
PER DART SPEC M303R OR M304R
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNILESS OTHERWISE NOTED
4) UNITS: INCHES UNILESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.26 lbs

DESIGN **DART AEROSPACE LTD** DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. C D3908 MFG. APPR. SHEET 5 OF 5 APPROVED TITLE SCALE X-TUBE LUG ASSY (AFT)

COPYTRIGHT © 2010 BY DART AEROSPACE LTD

THE DOCUMENT IS REVISE AN CONTRIGHT. AND IS DATED ON THE BRINGS CONTRI DE APPR. NTS DATE 10.05.27

5

3

0.735+0.010

0.310

0.350

0.375 PITCH

8

W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE				Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
								Prod Mgi	· · · · ·			
									<u> </u>			
Part No	•	PAR #:	Fault Cat	egory:	NCR:	Yes N	o DQA:	Date: _				
Reso		esolution:	Disposition	QA: I	WC Clos	Date: _						
			WORK ORE	ER NON-CONFORM	ANCE	(NCR)			-			
DATE	STEP	Description of NC		Corrective Action Section B			Verification	Approval	Approval			
UAIL		Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section C	Chief Eng	QC Inspector			
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